

## CLAIMS:

1. A method of granting access to content on a storage medium (101), comprising obtaining cryptographic data (Y) from a property (102) of the storage medium (101), reading helper data (W) from the storage medium (101), and granting the access based on an application of a delta-contracting function to the cryptographic data (Y) and the helper data (W).  
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2. The method of claim 1, comprising deriving a decryption key (K) for decrypting the content at least from the application of the delta-contracting function.
- 10 3. The method of claim 2, comprising deriving the decryption key (K) further from data supplied by a playback or recording apparatus (400).
4. The method of claim 1, in which the access is granted if the output of the delta-contracting function corresponds to a control value (V) recorded on the storage medium  
15 (101).
5. The method of claim 4, comprising applying a cryptographic function to the output of the delta-contracting function and comparing the output of the cryptographic function to the control value (V).  
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6. The method of claim 5, in which the cryptographic function is a one-way hash function.
7. The method of claim 1, in which the delta-contracting function involves a  
25 combination of a matrix multiplication on the cryptographic data (Y), a linear addition of at least a portion of the helper data (W), a quantization in which the quantization areas are defined by a portion of the helper data (W), and error correction decoding.

8. A device (110) arranged for granting access to content on a storage medium (101), comprising first reading means (112) for obtaining cryptographic data (Y) from a property (102) of the storage medium (101), second reading means (112) for reading helper data (W) from the storage medium (101), and access control means for granting the access  
5 based on an application of a delta-contracting function to the cryptographic data (Y) and the helper data (W).
9. A playback and/or recording apparatus (400) comprising a device (101) as claimed in claim 8 and arranged to effect the playback and/or recording if access is granted  
10 by the device (110).
10. A computer program product arranged to cause a processor to execute the method of claim 1.